

In the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (currently amended): A backlight module, comprising:
 - a first fixed seat having a plurality of grooves;
 - a second fixed seat having a plurality of grooves;
 - a first conductive device having a plurality of V-shaped scallops electrically connected each disposed in a corresponding groove of the first fixed seat;
 - a second conductive device having a plurality of V-shaped scallops electrically connected each disposed in a corresponding groove of the second fixed seat;
 - a plurality of lamps, disposed parallel to one another, each having a first end and a second end, wherein each first end is directly disposed in the corresponding V-shaped scallop of the first conductive device and each second end is directly disposed in the corresponding V-shaped scallop of the second conductive device;
 - a third fixed seat disposed on the first end for fixing the lamps; and
 - a fourth fixed seat disposed on the second end for fixing the lamps.
2. (original): The backlight module as claimed in claim 1, wherein depth and area of each V-shaped scallop both exceed a diameter of the lamp.

3 .(original): The backlight module as claimed in claim 1, further comprises:

a first isolation layer, disposed between the first end of the lamp and the third fixed seat;

and

a second isolation layer, disposed between the second end of the lamp and the fourth fixed seat.

4. (original): The backlight module as claimed in claim 1, further comprising:

a third conductive device, disposed between the first end of the lamp and the third fixed seat; and

a fourth conductive device, disposed between the second end of the lamp and the fourth fixed seat.

5. (original): The backlight module as claimed in claim 4 further comprising:

a first isolation layer, disposed between the third conductive device and the third fixed seat; and

a second isolation layer, disposed between the fourth conductive device and the fourth fixed seat.

6. (original): The backlight module as claimed in claim 1 further comprising a plurality of fixed devices, each having a V-shaped internal side and disposed between the groove of the first fixed seat and the V-shaped scallops of the first conductive device and disposed between the grooves of the second fixed seat and the V-shaped scallops of the second conductive device,

wherein each of the V-shaped scallops of the first and the second conductive devices conforms directly to each V-shaped internal side of the fixed device.

7. (currently amended): A liquid crystal display device, comprising at least:

a display panel; and

a backlight module, disposed at the rear of the display panel, supplying light to the display panel, comprising:

a first fixed seat having a plurality of grooves;

a second fixed seat having a plurality of grooves;

a first conductive device having a plurality of V-shaped scallops electrically connected each disposed in a corresponding groove of the first fixed seat;

a second conductive device having a plurality of V-shaped scallops electrically connected each disposed in a corresponding groove of the second fixed seat;

a plurality of lamps, disposed parallel to one another, each having a first end and a second end, wherein each first end is directly disposed in the corresponding V-shaped scallop of the first conductive device and each second end is directly disposed in the corresponding V-shaped scallop of the second conductive device;

a third fixed seat disposed on the first end for fixing the lamps; and

a fourth fixed seat disposed on the second end for fixing the lamps.

8. (original): The liquid crystal display device as claimed in claim 7, wherein depth and area of each V-shaped scallop both exceed a diameter of the lamp.

9. (original): The liquid crystal display device as claimed in claim 7, further comprising:
a first isolation layer, disposed between the first end of the lamp and the third fixed seat;
and
a second isolation layer, disposed between the second end of the lamp and the fourth fixed seat.

10. (original): The liquid crystal display device as claimed in Claim 7, further comprising:
a third conductive device, disposed between the first end of the lamp and the third fixed seat; and
a fourth conductive device, disposed between the second end of the lamp and the fourth fixed seat.

11. (original): The liquid crystal display device as claimed in Claim 10, further comprising:
a first isolation layer, disposed between the third conductive device and the third fixed seat; and
a second isolation layer, disposed between the fourth conductive device and the fourth fixed seat.

12. (original): The liquid crystal display device as claimed in Claim 7, further comprising a plurality of fixed devices, each having a V-shaped internal side and disposed between the groove of the first fixed seat and the V-shaped scallops of the first conductive device and between the grooves of the second fixed seat and the V-shaped scallops of the second conductive device, wherein each of the V-shaped scallops of the first and the second conductive devices conforms directly to each V-shaped internal side of the fixed device.